9. Simple Interest Calculator based on customer type and gender

def calculate\_simple\_interest(principal, years, gender, senior\_citizen):

if senior\_citizen.lower() == 'y':

rate = 15

else:

if gender.lower() == 'm':

rate = 12

else:

rate = 10

interest = (principal \* rate \* years) / 100

return interest

# Input from user:

principal = float(input("Enter the principal amount: "))

years = float(input("Enter the number of years: "))

gender = input("Gender (m/f): ")

senior\_citizen = input("Is customer senior citizen (y/n): ")

interest = calculate\_simple\_interest(principal, years, gender, senior\_citizen)

print(f"Interest: {interest}")